	APOLLO HOSPITALS, SECUNDERABAD	FMS– 03g
		Issue: C
	POLICY ON MANAGEMENT OF EQUIPMENT SERVICE AND MAINTENANCE	Date: 05-01-2017
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PREPARED BY: HOD- Maintenance		APPROVED BY: Chief Executive Officer

PURPOSE:

The goal of the Hospital Standard is to ensure patient safety by continuous monitoring and improvement of safety aspects to deliver safe, effective and efficient care.

SCOPE:

The Hospital is committed to provide a safe Hospital environment for its External and Internal Customers.

RESPONSIBILITY:


Maintenance Department

PROCEDURE:

WATER TREATMENT:


Procedure for cleaning and disinfection of water storage tank:

- The tanks are emptied leaving small quantity of water.
- Calcium hypochlorite, sodium hypochlorite and potassium permanganate solution is added to the water.
- In the next step tanks are then thoroughly cleaned by rubbing with nylon brushes and then by High Pressure jet machine.
- Fresh water is filled to certain extent and chlorine solution is added and Again the inside walls are cleaned and disinfected.
- Finally the water is flushed out of tanks by pump and dried up.
- Fresh water is filled in the tank.
- At the end Ultraviolet Lamps are used to combat residual bacteria if any.

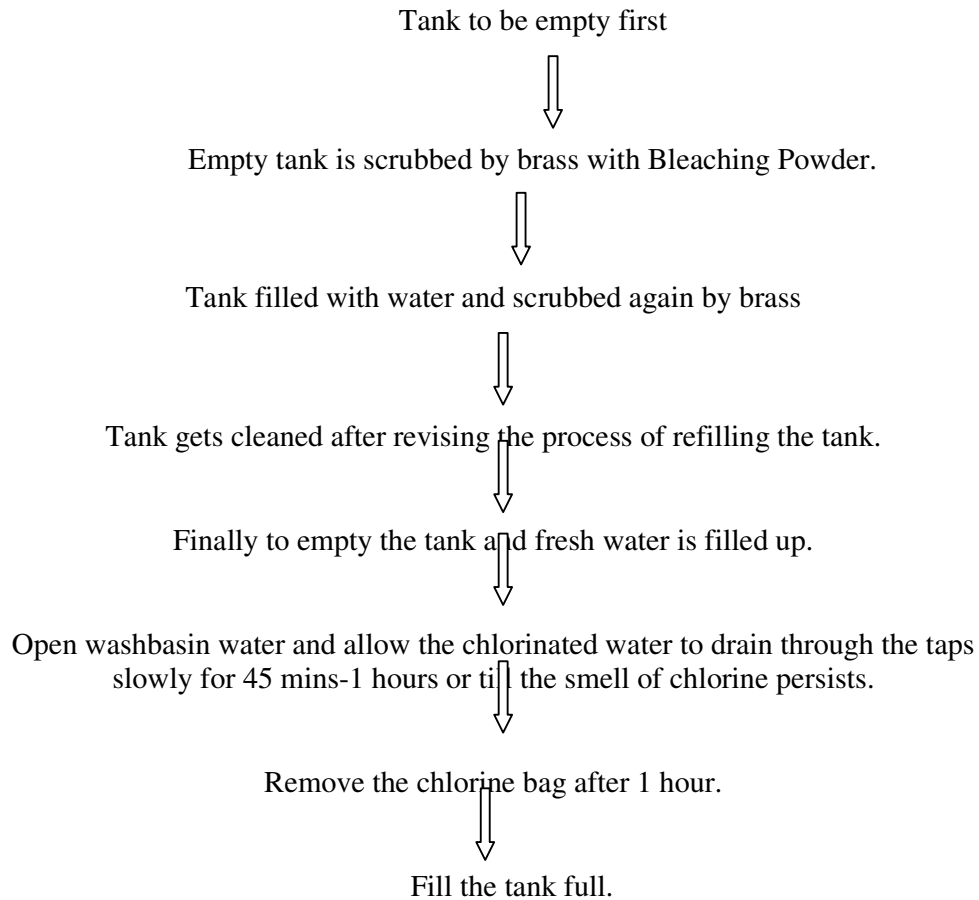
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CLEANING OF DIALYSIS RO WATER TANK AND PIPE LINES

- 300 liters R O water mixed with 1.25 liter formaldehyde solutions should kept in each tank.
- Then drain out the solutions from the general and positive washing pipe lines with the speed of 200ml/mint.
- When this solutions will come to the washing areas tap then close all the lines for 10 hours.
- After 10 Hrs drain out the solutions and again fill each tank with 500 liter R O water and again drain out the R O water.
- Then 400gm bleaching powder mixed with some water and filtrate it and then mixed with 300 liters R O water and this solution should kept in each tank for 20 minutes.
- After 20mins drain out the solutions the same way. At last fill the both tank with 1000 liters Dialysis RO water and again drain out.
- Tank cleaning along with cleaning of pipelines is done monthly. Cleaning is done at midnight. Hospital water supply will be closed for 1 hour during tank cleaning. Each ward in charge and floor managers are to be informed on the day.
- Checking of pH, TDS, hardness is done daily morning.

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Continuous chlorination



Total procedural time: 2hr - 3 hrs.